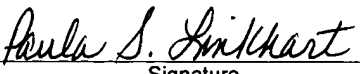


**PATENT**

CERTIFICATE OF EXPRESS MAIL	
NUMBER	<u>EL 831792434 US</u>
DATE OF DEPOSIT	<u>OCTOBER 29, 2003</u>
I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: MS PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.	
	
Signature	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Preston H. DORSETT  
Frances I. BYRD  
Robert F. DEVLIN

Serial No.: To be assigned

Filed: Herewith

For: IMPROVED SPECIFICITY IN THE  
DETECTION OF ANTI-RUBELLA IgM  
ANTIBODIES

Confirmation No.: To be assigned

Group Art Unit: To be assigned

Examiner: To be assigned

Atty. Dkt. No.: 13096.0020.DVUS02

**INFORMATION DISCLOSURE STATEMENT**

MS PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA, 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record.

In accordance with 37 C.F.R §§ 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be

an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any additional fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason relating to the enclosed materials, the Commissioner is authorized to deduct said fees from Deposit Account No. 01-2508/13096.0020.DVUS02.

This application is a divisional application of Serial No. 09/850,022, filed May 7, 2001 and is relied upon for an earlier filing date under 35 U.S.C. § 120. In accordance with Rule 37 C.F.R. § 1.98(d) copies of the listed documents are not enclosed as they have been previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. 09/850,022.

Applicant respectfully requests that the listed documents be made of record in the present case.

Respectfully submitted,



Matthew L. Madsen  
Reg. No. 45,594  
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Date: October 29, 2003

Form PTO-1449 (modified)		Atty. Docket No. 13096.0020.DVUS02	Serial No. To be assigned
List of Patents and Publications for Applicant's  INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		Applicant Preston H. Dorsett/Frances I. Byrd/Robert F. Devlin	
		Filing Date: Filed herewith	Group: To be assigned
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 2</i>	

### U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	5,874,218	02/23/99	Drolet et al.			
	A2	5,698,393	12/16/97	Macioszek et al.			
	A3	5,663,065	09/02/97	Frey et al.			
	A4	5,556,757	09/17/96	Alstyn et al.			
	A5	5,478,753	12/26/95	Wong et al.			
	A6	5,427,792	06/27/95	Zrein et al.			
	A7	5,422,239	06/06/95	Wands et al.			
	A8	5,384,073	01/24/95	Shigekawa et al.			
	A9	5,300,427	04/05/94	Fabrizi et al.			
	A10	5,298,596	03/29/94	Lacroix et al.			
	A11	5,164,481	11/17/92	Lacroix et al.			
	A12	4,965,069	10/23/90	Quash et al.			
	A13	4,690,819	09/01/87	Sato et al.			
	A14	4,195,074	03/25/80	Safford, Jr.			
	A15						

### Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	EP 0 299 673	01/18/89	EP			
	B2	WO 93/07298	04/15/93	WIPO			
	B3						

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DATE CONSIDERED:

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*INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)*

Form PTO-1449 (modified)		Atty. Docket No. 13096.0020.DVUS02	Serial No. To be assigned
List of Patents and Publications for Applicant's  INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		Applicant Preston H. Dorsett/Frances I. Byrd/Robert F. Devlin	
		Filing Date: Filed herewith	Group: To be assigned
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 2</i>	

### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Oker-Blom et al., "Rubella Virus Contains One Capsid Protein and Three Envelope Glycoproteins, E1, E2a, and E2b," <i>Journal of Virology</i> 46:964-973 (1983)
	C2	Bordier, "Phase Separation of Integral Membrane Proteins in Triton X-114 Solution," <i>Journal of Biological Chemistry</i> 256:1604-1607 (1981)
	C3	Jenum et al., "Improved Diagnosis of Primary <i>Toxoplasma gondii</i> Infection in Early Pregnancy by Determination of Antitoxoplasma Immunoglobulin G Avidity," <i>Journal of Clinical Microbiology</i> 35:1972-1977 (1997)
	C4	Ghadessi et al., <i>Clinical Chemistry</i> , 42(6):S188 (1996).
	C5	Leat et al., <i>Clinical Chemistry</i> , 42(6):S188 (1996).
	C6	Seppanen et al. <i>Journal of Clinical Microbiology</i> , 29(9):1877-1882 (1991).
	C7	Shapiro et al., <i>Clinical Chemistry</i> , 30(6):889-893 (1984).
	C8	Chanteloup et al. Abstracts of the 93 <sup>rd</sup> ASM General Meeting Session 27:447 (1993).
	C9	PARTANEN, PAUL ET AL: "Selective reactivity of antibodies to human immunoglobulins F, M and A with rubella virus proteins" J. CLIN. MICROBIOL. (1985), 21(5), 800-2 (Abstract Only) retrieved from STN Database accession no. 103:4695 DATA BASE CHEMABS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS OHIO, US
	C10	Thomas, H.I. and Morgan-Capner, P., "The avidity of specific IgM detected in primary rubella and reinfection" <i>Epidemiol. Infect.</i> 104:489-497 (1990) (Abstract only)
	C11	van Sommeren, A.P.G. et al. "Purification of rubella virus E1-E2 protein complexes by immunoaffinity chromatography" 63:37-46 (1997)
	C12	

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